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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/695,805	10/30/2003	Varsha Clarc	50108-061	6881

7590 03/07/2007

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EXAMINER	
IQBAL, KHAWAR	
ART UNIT	**PAPER NUMBER**
2617	

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	03/07/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary	Application No.	Applicant(s)	
	10/695,805	CLARE ET AL.	
	Examiner	Art Unit	
	Khawar Iqbal	2617	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE *03* MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *02 February 2007*.

2a)☒ This action is **FINAL**. 2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *47-61* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *47-61* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____.
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

1. Claims 47-61 are rejected under 35 U.S.C. 102(e) as being anticipated by Marcovici et al (20050113067).

2. Regarding claim 47 Marcovici et al teaches a method for managing authentication and authorization of user access to data applications of a service provider through a wireless communication network (100), comprising steps of (figs. 1-4):

authenticating a mobile station (102) of a data application user as a valid mobile station (102) for obtaining communication service through the wireless communication network (110), at a control node (120) of the wireless communication network (105) (para. # 0031,0033);

obtaining from the control node (102) information indicating successful authentication of the user's mobile station, receiving an identifier associated with the data application user, when the user attempts to access a data application on a server through the wireless communication network (para. # 0031-0036);

based on the identifier, checking the information to determine whether or not there has been a successful authentication of the user's mobile station at the control node of the communication network (para. # 0035-0036);

in response to a determination that there has been a successful authentication of the user's mobile at the control node of the wireless communication network, using the identifier to determine whether or not the user is authorized to access the data application on the server, from among a plurality of data applications accessible through the wireless communication network (para. # 0035-0036, and fig. 4); and

in response to a determination that the user is authorized to access the data application on the server, allowing the user to access the data application on the server from the mobile station via communications through the wireless communication network (para. # 0035-0036, and fig. 4).

Regarding claim 48 Marcovici et al teaches wherein the steps of authenticating, determining authorization of the user and allowing the user to access the data application On the server do not require user input of a password (para. # 0035-0036, and fig. 4).

Regarding claim 49 Marcovici et al teaches wherein: the control node is a home location register of the wireless communication network; and the steps of obtaining information indicating successful authentication of the user' mobile station, receiving the identifier associated with the data application user and checking the information to determine whether or not there has been a successful authentication are performed in an Authentication, Authorization, and Accounting server of the wireless communication network (para. # 0025, 0031-0036).

Regarding claim 50 Marcovici et al teaches wherein the step of obtaining information indicating successful authentication of the user's mobile station from the

control node comprises: periodically querying the HLR for information as to mobile stations that have been authenticated; and storing identifications of HLR authenticated mobile stations in the AAA server (para. # 0025, 0031-0036).

Regarding claim 51 Marcovici et al teaches wherein the step of obtaining information indicating successful authentication of the user's mobile station from the control node comprises querying the HLR regarding the user's mobile station upon receiving the identifier associated with the data application user, when the user attempts to access the data application on the server through the wireless communication network (para. # 0031-0036).

Regarding claim 52 Marcovici et al teaches wherein the data application on the server offers a service for mobile station users from an operator of the wireless communication network (para. # 0031-0036).

Regarding claim 53 Marcovici et al teaches wherein the determination if the user is authorized to access the data application on the server comprises determining one of a plurality of available levels of service to which the user is subscribed and whether access to the data application on the server is within the one subscribed level of service (para. # 0031-0036, fig. 4).

Regarding claim 54 Marcovici et al teaches wherein the determination if the user is authorized to access the data application on the server comprises determining one of a plurality of available levels of service to which the user is subscribed and whether access to the data application on the server is within the one subscribed level of service (para. # 0031-0036).

Regarding claim 55 Marcovici et al teaches further comprising receiving and validating a password of the user before allowing the user to access the data application on the server from the mobile station via communications through the wireless communication network (para. # 0031-0036,0038-0042).

Regarding claim 56 Marcovici et al teaches wherein the password of the user is the same password that would be validated before granting access to the application on the server if the user attempted access via a network other than the wireless communication network (para. # 0031-0036,0038-0042).

Regarding claim 57 Marcovici et al teaches a system, comprising:

a wireless network for providing mobile communication services to and from a plurality of mobile stations (para. # 0031-0036,0038-0042);

a control node for authenticating one of the mobile stations of a data application user as a valid mobile station for obtaining communication service through the wireless network (para. # 0031-0036,0038-0042);

a data application server, coupled to the wireless network for providing a data application service via the network (para. # 0031-0036,0038-0042); and

an authentication and authorization server, wherein the authentication and authorization server is configured for:

obtaining from the control node information indicating successful authentication of the data application user's mobile station (para. # 0025,0031-0036, 0038-0042);

receiving an identifier associated with the data application user from the data application server, when the user attempts to access the data application service on the data application server through the wireless communication network; based on the identifier, checking the information to determine if there has been a successful authentication of the user's mobile station at the control node of the wireless communication network (para. # 0025,0031-0036,0038-0042);

in response to determination that there has been a successful authentication of the user's mobile station at the control node of the wireless communication network, using the identifier to determine whether or not the user is authorized to access the data application on the server, from among a plurality of data applications accessible through the wireless communication network (para. # 0031-0036,0038-0042); and

in response to determination that the user is authorized to access the data application on the server, enabling the data application server to permit the user to access the data application service from the mobile station via communications through the wireless communication network (para. # 0031-0036,0038-0042).

Regarding claim 58 Marcovici et al teaches wherein: the control node comprises a home location register (HLR); and the authentication and authorization server comprises an Authentication, Authorization and Accounting server (para. # 0025, 0031-0036,0038-0042).

Regarding claim 59 Marcovici et al teaches the data application server is operated by a wireless carrier that operates the wireless network; and the data application service is a data service offered by the carrier for mobile station users (para. # 0031-0036,0038-0042).

Regarding claim 60 Marcovici et al teaches wherein the data application server is operated by a party other than a wireless carrier that operates the wireless network (para. # 0031-0036,0038-0042).

Regarding claim 61 Marcovici et al teaches wherein the data application server is also accessible via a communication network other than the wireless communication network (para. # 0031-0036,0038-0042).

Response to Arguments

3. Applicant's arguments with respect to claims 47-61 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

4. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the

shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the Examiner should be directed to Khawar Iqbal whose telephone number is (571) 272-7909.

If attempts to reach the Examiner by telephone are unsuccessful, the Examiner's supervisor, George Eng can be reached on (571) 272-7495. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free) or 703-305-3028.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist/customer service whose telephone number is (571) 272-2600.

Khawar Iqbal

GEORGE ENG
SUPERVISORY PATENT EXAMINER